

# Phone Club Time Account Statement

Account Number: 216-555-1234

Billing Date: August 1, 2001

Website: TeleNames.com

Previous Bill: \$50.00

Current Charges: \$85.00

Total Amount Due: \$135.00

Amount Due in Full By: August 15, 2001

Remaining Time: 300 minutes

Average Remaining Time During July: 500 minutes

Time Used During July: 500 minutes

Interest Earned: 50 minutes

Total Remaining Time: 350 minutes

610

605

615

*Fig. 1a*

## Message from Telenames.com Phone Club

We would like to announce the addition of value added services to all customers subscribed to our phone minutes program.

Our program is simple.. we have developed a way for you to earn time over time on your phone club account.

Thats right, no matter how much or how little you use your phone club account each month, you will always earn interest on your remaining phone minutes.

625



620

Sign Up now to learn more and earn interest on your phone club account.

*Fig. 1b*

# Internet Service Provider Account Statement

Account Number: 216-555-1234

Billing Date: September 1, 2001

Previous Bill: \$30.00

Current Charges: \$45.00

Total Amount Due: \$75.00

Amount Due in Full By: September 15, 2001

Unused Storage: 500 Megabytes

632

Average Unused Storage in August: 750 Megabytes

630

635

Interest Earned: 75 Megabytes

Total Unused Storage: 575 Megabytes

**Fig. 1c**

# Electric Bill

Account Number: 216-555-1234

Billing Date: August 1, 2001

Previous Bill: \$0.00

Current Charges: \$65.00

Total Amount Due: \$65.00

Amount Due in Full By: August 15, 2001

Kilowatt Hours Used: 700 KWhs

640

645

Interest Earned Applied to next Bill: 50 KWhs

**Fig. 1d**

## Airline Miles Account Statement

Account Number: 216-555-1234

Statement Date: October 1, 2001

Awarded Miles: 30,000 Miles

Average Unused Miles in September: 25,000 Miles

655

Interest Earned: 2,500 Miles



650

Total Awarded Miles: 32,500 Miles

*Fig. 1e*

## Gas Station Account Statement

Account Number: 216-555-1234

Billing Date: August 1, 2001

Previous Bill: \$10.00

Current Charges: \$75.00

Total Amount Due: \$85.00

Amount Due in Full By: August 15, 2001

Awarded Volume of Fuel: 30 Gallons

Average Unused Volume of Fuel in July: 25 Gallons

665

660

Interest Earned: 2 Gallons



Total Volume of Fuel: 32 Gallons

*Fig. 1f*

## Reward Points Account Statement

Account Number: 216-555-1234

Statement Date: August 1, 2001

Remaining Points: 4,000 points

Average Remaining Points During July: 4,500 points

675

Interest Earned: 500 points

Total Remaining Points: 4,500 points

670

*Fig. 1g*

## Beverage Club Account Statement

Account Number: 216-555-1234

Statement Date: August 1, 2001

Awarded Unused Beverage Bottles: 20 Bottles

Average Unused Beverage Bottles in July: 15 Bottles

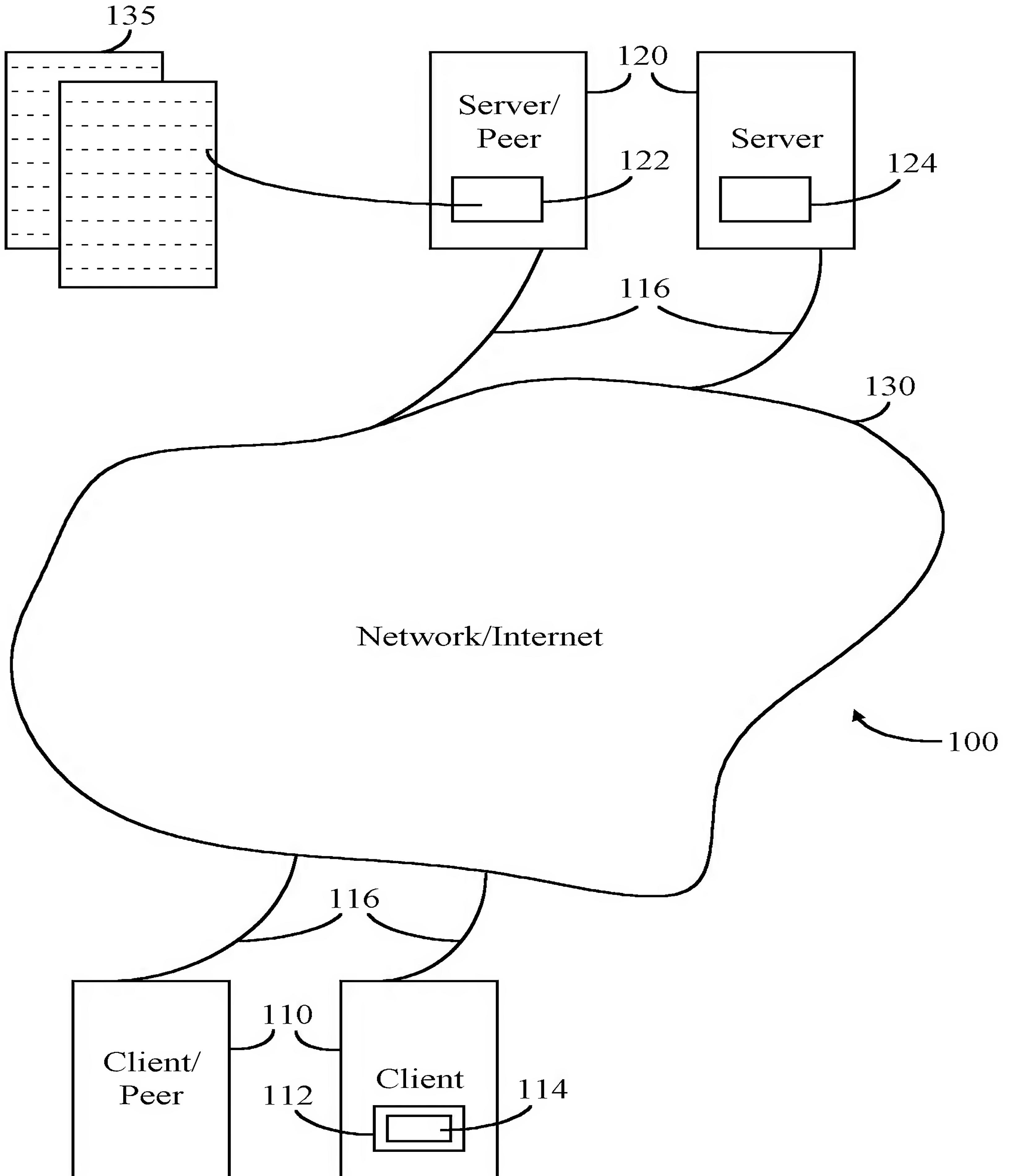
685

Interest Earned: 3 Bottles

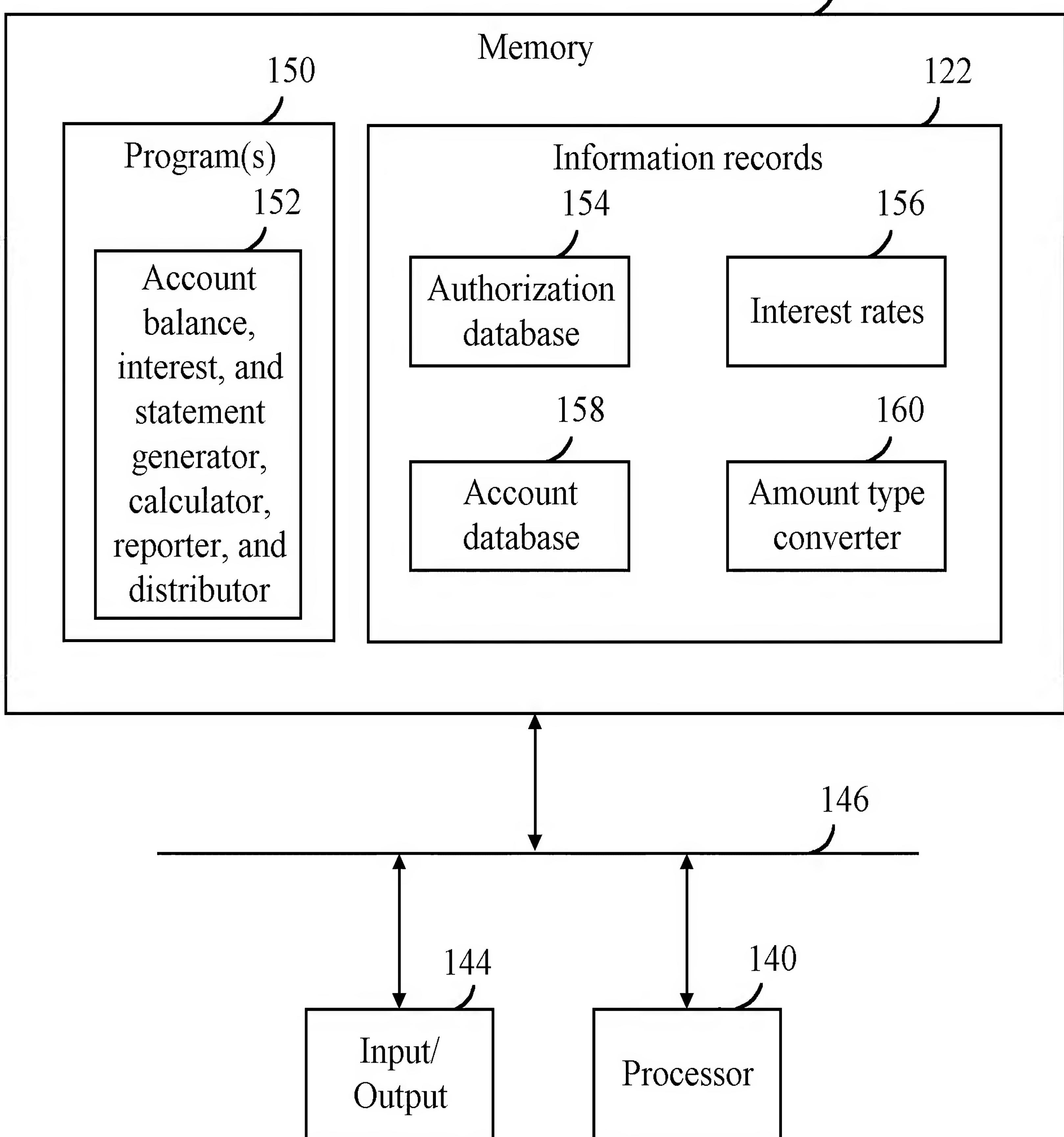
Total Awarded Beverage Bottles: 23 Bottles

680

*Fig. 1h*



*Fig. 2a*



*Fig. 2b*

160

Type	Bandwidth	Energy	Points	Time	Volume
Bandwidth	-	2	5	10	4
Energy	0.5	-	8	3	7
Points	0.2	0.125	-	20	25
Time	0.1	0.333	0.05	-	5
Volume	0.25	0.142	0.04	0.2	-

162

164

Fig. 2c

158

Account	PIN	Principal	Interest	Total	Type
5678	j4k3	50 Meg/Day	5 Meg/Day	55 Meg/Day	Bandwidth
6789	g3h2	50KWatts	5KW	55 KW	Energy
1234	c2d3	1000 points	100 points	1100 points	Points
2345	x3w4	500 minutes	50 minutes	550 minutes	Time
3456	y5z6	50 gallons	5 gallons	55 gallons	Volume
4567	a7b8	5000 miles	500 miles	5500 miles	Distance

168

170

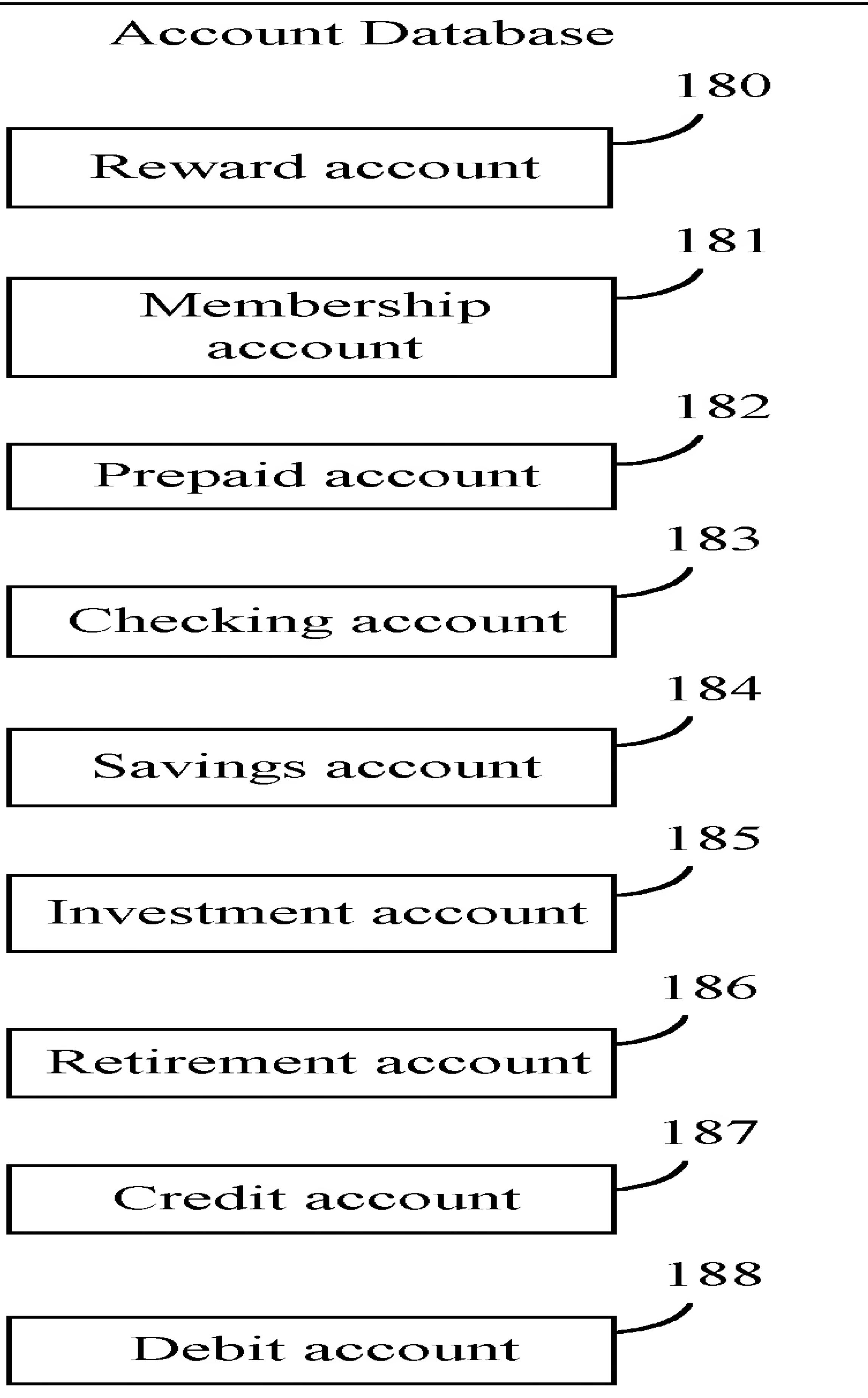
172

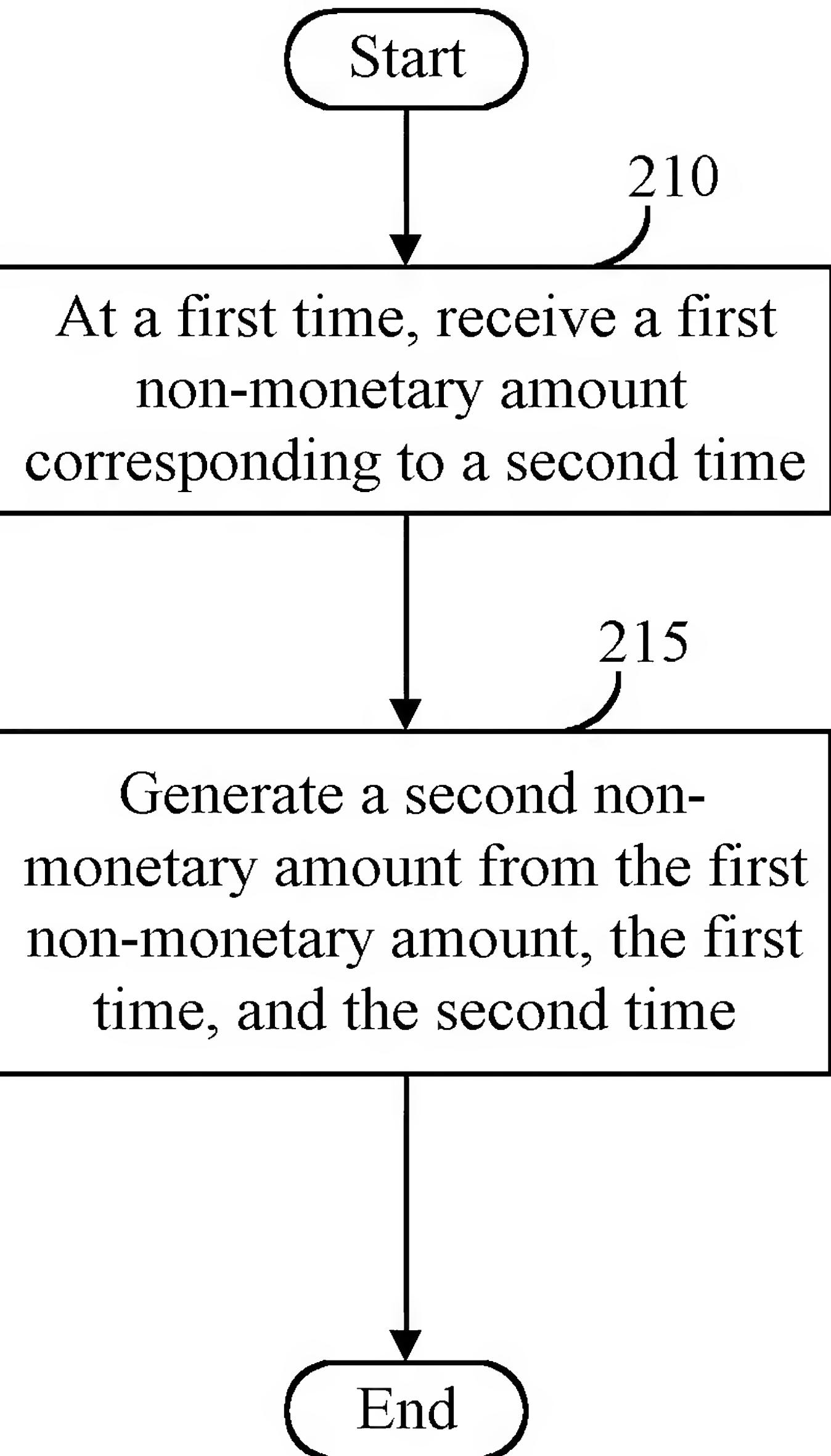
174

176

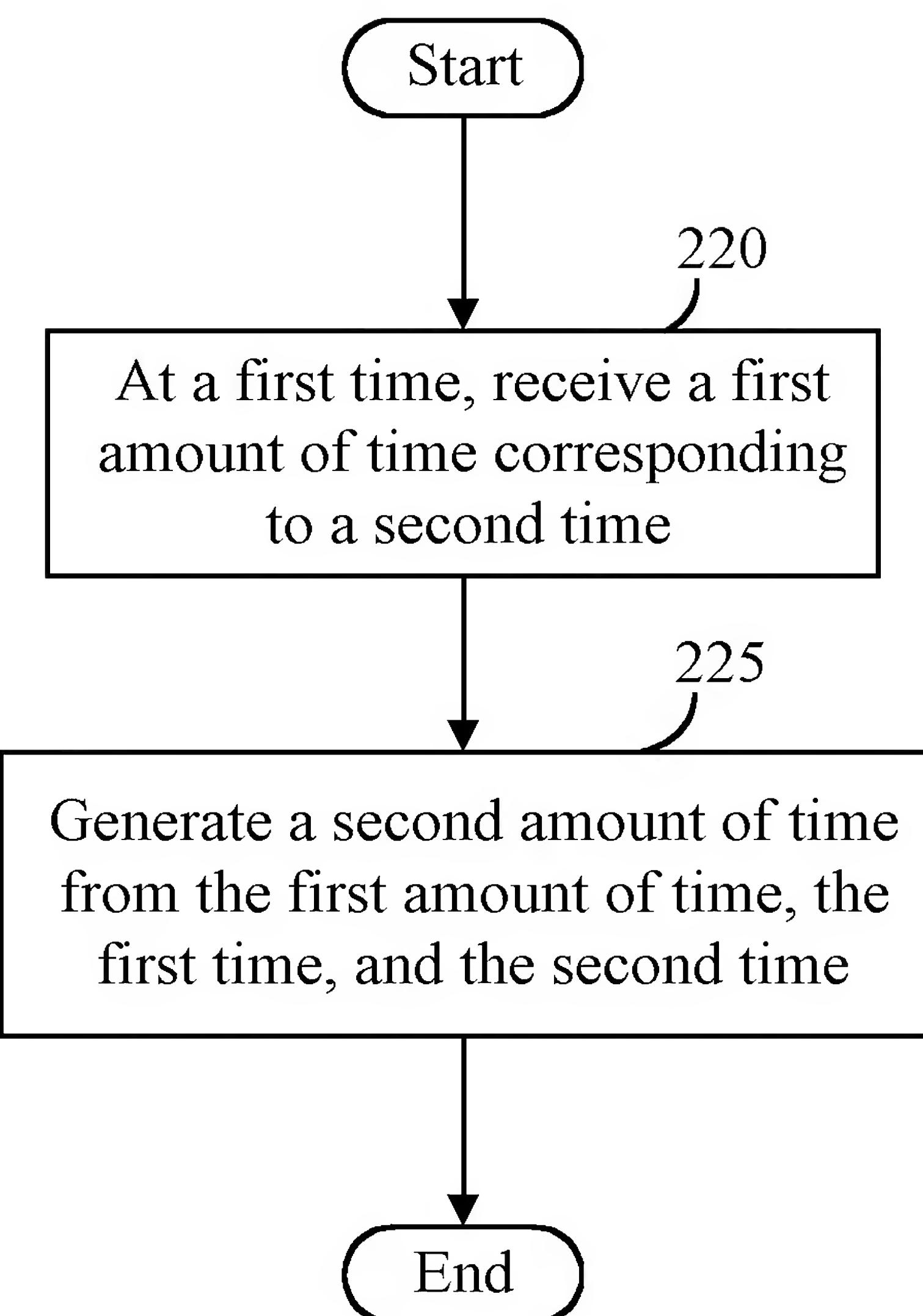
178

Fig. 2d

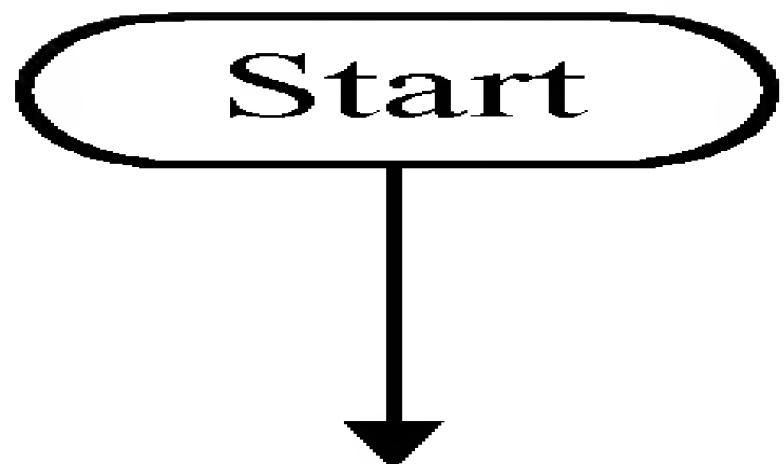
**Account Database**



*Fig. 3a*



*Fig. 3b*



At a first time, receive from an account, a first non-monetary amount corresponding to a second time, interest rate, and interest type

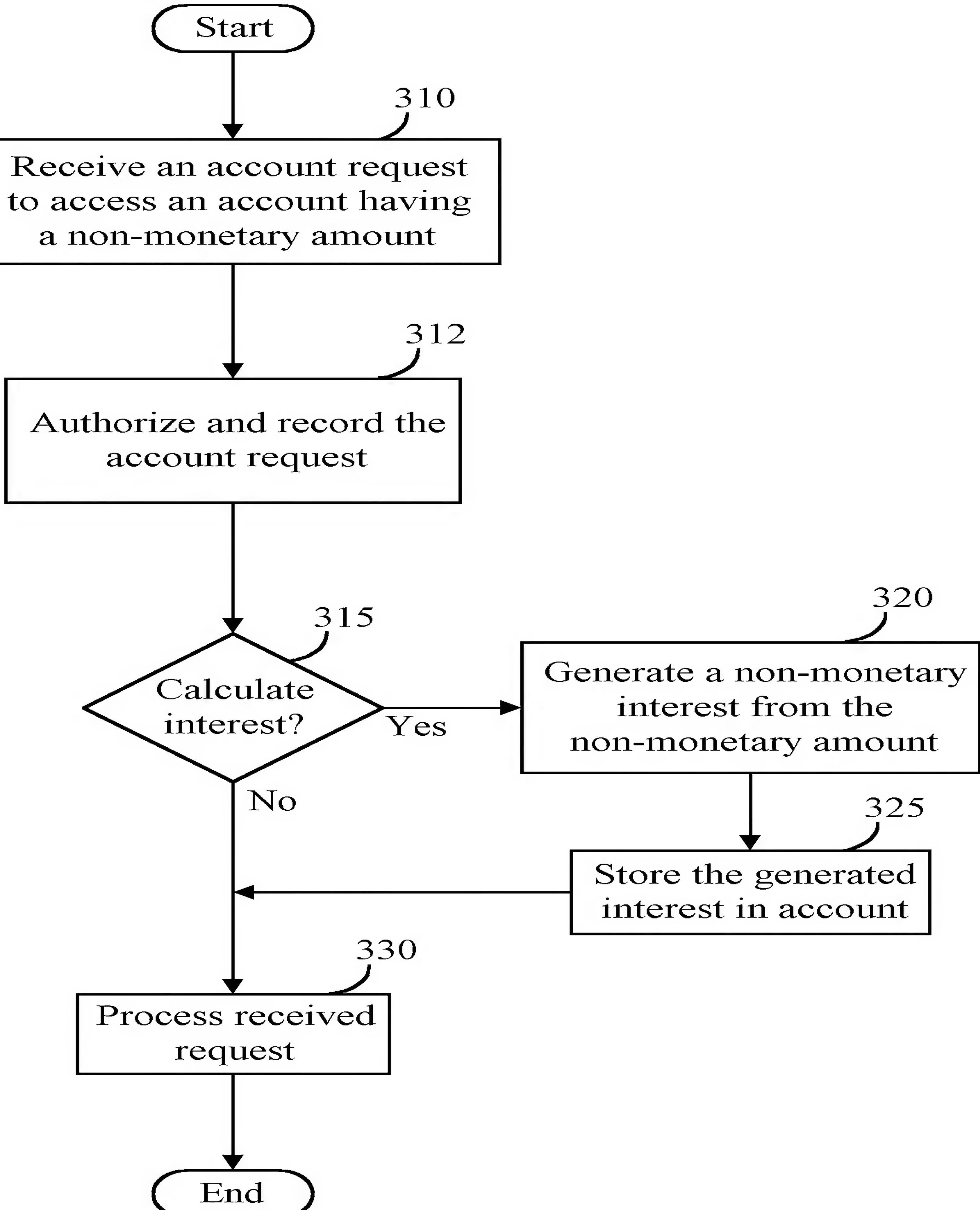
Generate an accrued interest from the first non-monetary amount, the difference between the first and second time, the interest rate, and the interest type

Generate a second non-monetary amount by adding the accrued interest to the first non-monetary amount

Store in the account, the second non-monetary amount corresponding to the second time

End

**Fig. 3c**



**Fig. 4**

Start

At a first time, receive a first data record having a first amount and a second time

430

Generate a second amount from the first data record and the first time, where the first amount and/or second amount is one of an amount of product, amount of service, amount of reward, amount of points, amount of time, amount of space, amount of distance, amount of light, amount of mass, amount of volume, amount of storage, amount of bandwidth, and amount of energy

End

*Fig. 5a*

From 440

Generate a second amount from  
the first data record and the first  
time

450

Generate from the first  
data record, a second  
data record having the  
second amount and the  
first time

460

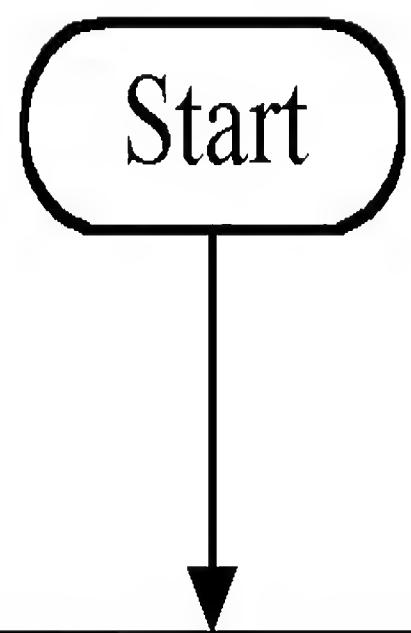
Append the second  
amount and the first time  
to the first data record

470

Update the first data  
record by replacing  
the first amount with  
the second amount  
and the second time  
with the first time

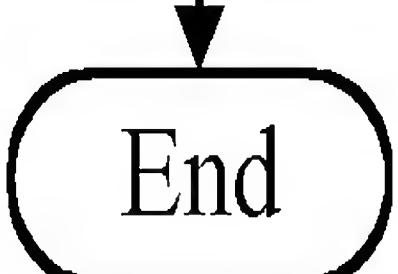
End

*Fig. 5b*



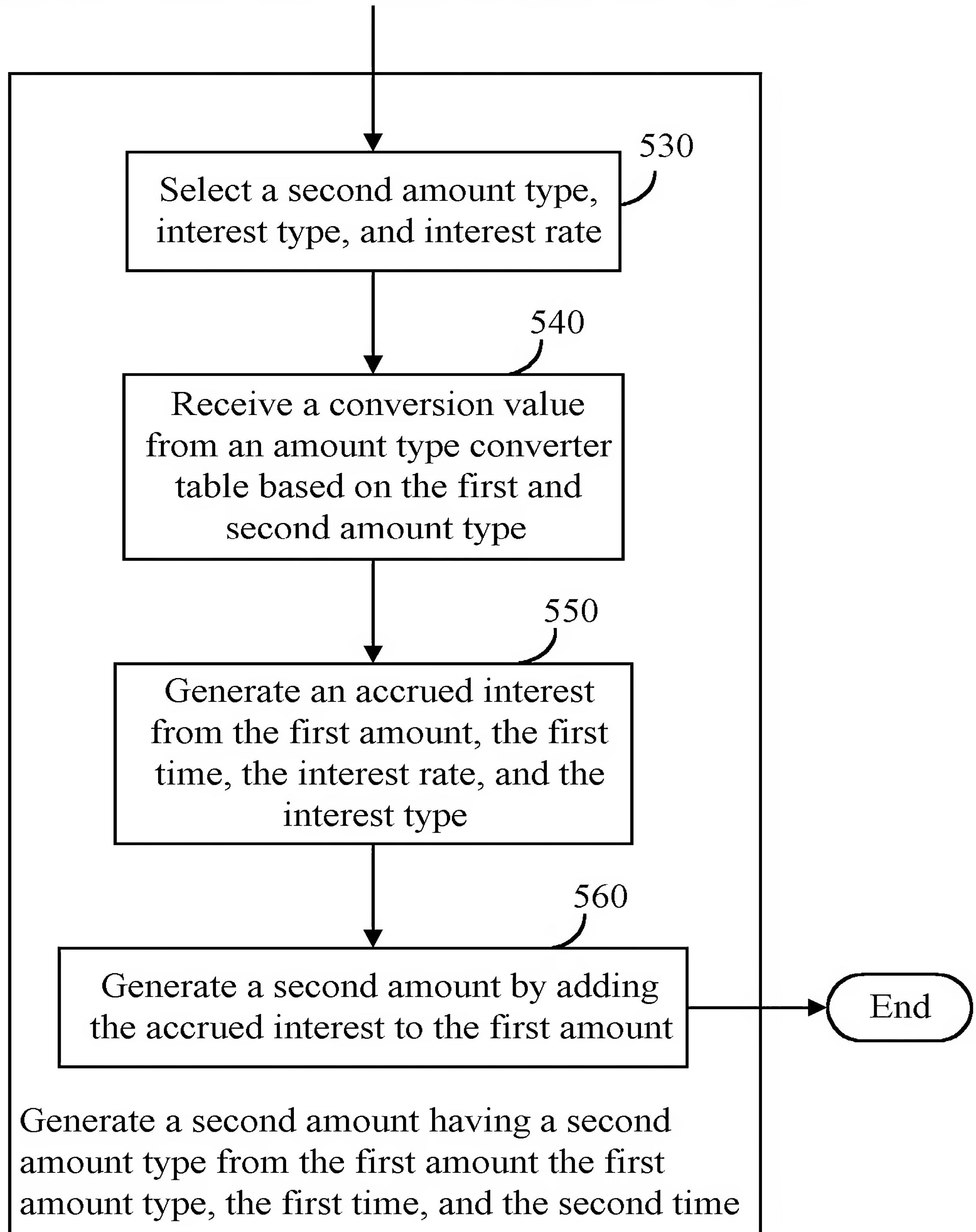
At a first time, receive a first amount having a first amount type corresponding to a second time from one of a first data record, computer readable medium, and machine readable code, internal automation, external automation, activation of a hyperlink, network resource redirection, and input or user interface element such as one of a browser location field, text box, command line, speech to text interface, optical recognition interface, and magnetic recognition interface.

Generate a second amount having a second amount type from the first amount, the first amount type, the first time, and the second time



*Fig. 6a*

At a first time, receive a first amount having a first amount type corresponding to a second time from one of a first data record, computer readable medium, and machine readable code, internal automation, external automation, activation of a hyperlink, network resource redirection, and input or user interface element such as one of a browser location field, text box, command line, speech to text interface, optical recognition interface, and magnetic recognition interface.



**Fig. 6b**